The 2002 *Notices* Index

Index Section	Page Number	Index Section	Page Number
The AMS	1470	Memorial Articles	1480
Announcements	1471	New Publications Offered by the AMS	1480
Authors of Articles	1473	Officers and Committee Members	1480
Deaths of Members of the Society	1474	Opinion	1480
Education	1475	Opportunities	1480
Feature Articles	1475	Prizes and Awards	1481
Letters to the Editor	1476	The Profession	1483
Mathematicians	1476	Reference and Book List	1483
Mathematics Articles	1479	Reviews	1483
Mathematics History	1480	Surveys	1484
Meetings Information	1480	Tables of Contents	1484

About the Cover

38, 192, 317, 429, 565, 646, 790, 904, 1054, 1274, 1371

The AMS

2000 Mathematics Subject Classification, 266, 350, 704, 984, 1120, 1284
2001 Election Results, 259
2001 Annual Survey of the Mathematical Sciences (First Report), 217
2001 Annual Survey of the Mathematical Sciences (Second Report), 803
2001 Annual Survey of the Mathematical Sciences (Third Report), 928
2002 AMS Elections (Call for Suggestions), 260
2002 AMS Election (Nominations by Petition), 51, 261
2002 Arnold Ross Lecture, 825
2002 Election of Officers (Special Section), 967
2002 JPBM Communications Award, 1267
2002–2003 AMS Centennial Fellowships Awarded, 686
2003 von Neumann Conference, 1324
Acknowledgment of Contributions, 586
American Mathematical Society Centennial Fellowships, 941, 1271
AMS-AAAS 2002 Mass Media Fellow Chosen, 694
AMS–AAAS Mass Media Fellowships, 1402
AMS Award for Outstanding Student Paper Presentations, 1399
AMS Awards Pi Mu Epsilon Student Prizes, 42
AMS Backlist Sale, 70
AMS Bookstore Summer Sale, 850
AMS Capitol Hill Briefing, 694
AMS Committee on Education Examines Issues, 342
AMS Email Support for Frequently Asked Questions, 1275
AMS Ethical Guidelines, 706
AMS Menger Prizes at the 2002 ISEF, 940
AMS Officers and Committee Members, 1107
AMS Participates in CNSF Exhibition, 826
AMS Participates in Planning for 2004 NAEP, 489
AMS Scholarships for "Math in Moscow", 486
AMS Short Courses, 1162
AMS Sponsors NExT Fellows, 1403
AMS Standard Cover Sheet, 264, 348, 702, 982, 1118, 1282, 1410
Annual AMS Bookshelf Sale, 1298
Annual AMS Warehouse Sale, 1136
Applications, Nominations Sought for MR Executive Editor Position, 1414
Babbitt Retires as AMS Publisher, 489
Call for Applications for AMS Epsilon Fund, 1098
Call for Nominations for 2003 George David Birkhoff Prize, Frank Nelson Cole Prize in Algebra, Levi L. Conant Prize, Ruth Lyttle Satter Prize, 496, 598
Call for Nominations for 2003 Leroy P. Steele Prizes, 263, 351
Call for Nominations for D. R. Fulkerson Prize, 1285
Call for Nominations for E. H. Moore Research Article Prize, 497, 599
Deaths of AMS Members, 343, 490, 581, 696, 826, 1100, 1276, 1404
E. H. Moore Prize Established, 490
Epsilon Awards for 2002, 581
Fan and Caldwell Scholarships Awarded, 1403
Fan China Exchange Program Names Awardees, 1275

The 2002 *Notices* Index

Index Section	Page Number	Index Section	Page Number
The AMS	1470	Memorial Articles	1480
Announcements	1471	New Publications Offered by the AMS	1480
Authors of Articles	1473	Officers and Committee Members	1480
Deaths of Members of the Society	1474	Opinion	1480
Education	1475	Opportunities	1480
Feature Articles	1475	Prizes and Awards	1481
Letters to the Editor	1476	The Profession	1483
Mathematicians	1476	Reference and Book List	1483
Mathematics Articles	1479	Reviews	1483
Mathematics History	1480	Surveys	1484
Meetings Information	1480	Tables of Contents	1484

About the Cover

38, 192, 317, 429, 565, 646, 790, 904, 1054, 1274, 1371

The AMS

2000 Mathematics Subject Classification, 266, 350, 704, 984, 1120, 1284
2001 Election Results, 259
2001 Annual Survey of the Mathematical Sciences (First Report), 217
2001 Annual Survey of the Mathematical Sciences (Second Report), 803
2001 Annual Survey of the Mathematical Sciences (Third Report), 928
2002 AMS Elections (Call for Suggestions), 260
2002 AMS Election (Nominations by Petition), 51, 261
2002 Arnold Ross Lecture, 825
2002 Election of Officers (Special Section), 967
2002 JPBM Communications Award, 1267
2002–2003 AMS Centennial Fellowships Awarded, 686
2003 von Neumann Conference, 1324
Acknowledgment of Contributions, 586
American Mathematical Society Centennial Fellowships, 941, 1271
AMS-AAAS 2002 Mass Media Fellow Chosen, 694
AMS–AAAS Mass Media Fellowships, 1402
AMS Award for Outstanding Student Paper Presentations, 1399
AMS Awards Pi Mu Epsilon Student Prizes, 42
AMS Backlist Sale, 70
AMS Bookstore Summer Sale, 850
AMS Capitol Hill Briefing, 694
AMS Committee on Education Examines Issues, 342
AMS Email Support for Frequently Asked Questions, 1275
AMS Ethical Guidelines, 706
AMS Menger Prizes at the 2002 ISEF, 940
AMS Officers and Committee Members, 1107
AMS Participates in CNSF Exhibition, 826
AMS Participates in Planning for 2004 NAEP, 489
AMS Scholarships for "Math in Moscow", 486
AMS Short Courses, 1162
AMS Sponsors NExT Fellows, 1403
AMS Standard Cover Sheet, 264, 348, 702, 982, 1118, 1282, 1410
Annual AMS Bookshelf Sale, 1298
Annual AMS Warehouse Sale, 1136
Applications, Nominations Sought for MR Executive Editor Position, 1414
Babbitt Retires as AMS Publisher, 489
Call for Applications for AMS Epsilon Fund, 1098
Call for Nominations for 2003 George David Birkhoff Prize, Frank Nelson Cole Prize in Algebra, Levi L. Conant Prize, Ruth Lyttle Satter Prize, 496, 598
Call for Nominations for 2003 Leroy P. Steele Prizes, 263, 351
Call for Nominations for D. R. Fulkerson Prize, 1285
Call for Nominations for E. H. Moore Research Article Prize, 497, 599
Deaths of AMS Members, 343, 490, 581, 696, 826, 1100, 1276, 1404
E. H. Moore Prize Established, 490
Epsilon Awards for 2002, 581
Fan and Caldwell Scholarships Awarded, 1403
Fan China Exchange Program Names Awardees, 1275

General Information Regarding Meetings and Conferences, 175
Joint Summer Research Conferences, 1335
Journal Backfiles to Be Made Freely Available, 490
Mathematical Sciences Employment Center, 1027, 1203, 1325
Mathematical Sciences Employment Center Forms, 1032, 1208, 1330
MathJobs.Org: Job Application Database for Mathematics, 1100
Meetings and Conferences of the AMS, 93, 295, 413, 525, 632, 735, 867, 1037, 1163, 1216, 1338, 1459
Membership Forms, 89, 291, 375, 519, 621, 702, 863, 1021, 1159, 1321
New Publications Offered by the AMS, 59, 272, 361, 505, 609, 722, 852, 1002, 1138, 1288, 1423
Nominations Sought for *Notices* Editor Position, 495, 597
Officers of the Society 2001 and 2002 Updates, 705, 1107
Publications of Continuing Interest, 69, 284, 369, 514
Reciprocity Agreements, 1121
Report of the Executive Director, State of AMS, 2002, 836
Report of the Treasurer (2001), 842
Resolution Honoring Martin Gardner, 1404
Scholarship Fund to Assist Dependents of Victims of September 11 Attacks, 343
Statistics on Women Mathematicians Compiled by the AMS, 1413
STIX Fonts Given Unicode Codes, 696
(A) Summer at Discovery.com, 694
What Next after the Pisa Meeting?, 5

Announcements

2001 CAREER Awards Made, 42
2001 Fermat Prize Awarded, 233
2001 Morgan Prize, 1092
2002 Arnold Ross Lecture, 825
2002 Award for Distinguished Public Service, 479
2002 Bôcher Prize, 472
2002 Cole Prize in Number Theory, 476
2002 Conant Prize, 481
2002 d'Alembert Prize Awarded, 1096
2002 Dirac Medals Awarded, 1269
2002 Intel Science Talent Search Winners Announced, 689
2002 JPBM Communications Award, 1267
2002 Leibniz Prizes Awarded, 577
2002 NSF-CBMS Regional Conferences, 484
2002 Paul Erdős Awards Given, 1096
2002 Prize for Achievement in Information-Based Complexity, 44
2002 Sloan Fellows Announced, 688
2002 Steele Prizes, 466
2002 Summer Program for Women in Mathematics, 340
2002–2003 AMS Centennial Fellowships Awarded, 686
AAAS Fellows Elected, 233
AAUW Educational Foundation Fellowships and Grants, 1272
Aizenman Awarded Brouwer Prize, 337
Alder and Kawasaki Win Boltzmann Medals, 42
American Academy of Arts and Sciences Elections, 819
American Mathematical Society Centennial Fellowships, 941, 1271
AMS-AAAS Mass Media Fellow Chosen, 694
AMS–AAAS Mass Media Fellowships, 1402
AMS Award for Outstanding Student Paper Presentations, 1399
AMS Awards Pi Mu Epsilon Student Prizes, 42
AMS Menger Prizes at the 2002 ISEF, 940
AMS Participates in CNSF Exhibition, 826
AMS Participates in Planning for 2004 NAEP, 489
AMS Scholarships for "Math in Moscow", 486
AMS Sponsors NExT Fellows, 1403
Ando Awarded Hans Schneider Prize, 1397
AP Calculus Readers Sought, 486
AWM Awards Presented in San Diego, 573
AWM Essay Contest, 1099
AWM Essay Contest Winners Announced, 577
AWM Travel Grants for Women, 943
AWM Workshop for Women Graduate Students and Postdocs, 1272
B. H. Neumann Awards Given, 1270
Babbitt Retires as AMS Publisher, 489
Biss and Rodnianski Awarded CMI Long-Term Prize Fellowships, 939
BMS Chairs Colloquium 2002, 942
Brillinger Wins Parzen Prize, 687
Calegari Selected as AIM Five-Year Fellow, 577
Call for Application for AMS Epsilon Fund, 1098
Call for Nominations for the 2003 Fermat Prize, 1271
Call for Nominations for 2003 George David Birkhoff Prize, Frank Nelson Cole Prize in Algebra, Levi L. Conant Prize, Ruth Lyttle Satter Prize, 496, 598
Call for Nominations for 2003 Leroy P. Steele Prizes, 263, 351
Call for Nominations for AWM Hay and Schafer Awards, 690
Call for Nominations for D. R. Fulkerson Prize, 1285
Call for Nominations for E. H. Moore Research Article Prize, 497, 599
Call for Nominations for National Medal of Science, 690
Call for Nominations for Nemmers Prizes, 823
Call for Nominations for Sloan Fellowships, 690
Call for Nominations for Third World Academy of Sciences Prizes, 1098
Call for Nominations for Waterman Award, 1098
Call for Submissions for Sunyer i Balaguer Prize, 944
Call for VIGRE Proposals, 578
Career Awards for Research Addressing Biological Questions, 485
CARGO Program, 1400
Celebration of Everett Pitcher's 90th Birthday, 823
Chern Receives Blaschke Medal, 818
China Finishes First in International Mathematical Olympiad, 1270
COBASE Collaborative Grants, 234, 943
Deadlines and Target Dates at the DMS, 43
Departments Coordinate Job Offer Deadlines, 45
Devaney Wins NSF Director's Award, 819
DMS Employment Opportunities, 45
DMS/NIGMS Program in Mathematical Biology, 821

E. H. Moore Prize Established, 490
EDGE Summer Program, 1401
EMS Issues Statement on Money-Making Schemes, 487
Epsilon Awards for 2002, 581
Fan and Caldwell Scholarships Awarded, 1403
Fan China Exchange Program Names Awardees, 1275
Fulbright Awards Announced, 688
Fulbright Lecturing/Research Grants, 578
Gauss Prize Established, 823
German Mathematical Society Media Prize, 1270
Goldstine Postdoctoral Fellowship, 44
Green and Schwarz Awarded 2002 Heineman Prize, 687
Gromov Receives 2002 Kyoto Prize, 1091
Guggenheim Fellowships Awarded, 688
Heinrich Receives Prize for Achievement in Information-Based Complexity, 939
Howson Receives Adams Prize, 818
Humboldt Foundation Awards, 337
Humboldt Foundation Offers Fellowships, 1098
IAS/Park City Mathematics Institute, 235
ICM Travel Grants, 341
IMU Launches Math-Net, 692
Iwaniec, Sarnak, and Taylor Receive Ostrowski Prize, 800
Journal Backfiles to Be Made Freely Available, 490
Kawahigashi Receives MSJ Spring Prize, 939
Kreiss Wins National Academy of Sciences Award, 576
Lafforgue and Voevodsky Receive Fields Medals, 1264
Lieb Receives Honor from Austria, 1397
LMS Prizes Awarded, 1095
MAA Awards Presented in San Diego, 574
MAA Writing Awards Presented, 1094
Madhu Sudan Receives Nevanlinna Prize, 1266
Mandelbrot Receives Procter Prize, 818
Manin and Shor Receive 2002 Faisal Prize, 684
Maria Mitchell Women in Science Award, 341
Mathematics Awareness Month 2002, 45
MathJobs.Org: Job Application Database for Mathematics, 1100
National Academies Internship Program, 340
National Academy of Engineering Elections, 689
National Academy of Sciences Elections, 819
National Defense Science and Engineering Graduate Fellowships, 1400
National Defense Science and Engineering Graduate Fellowships Awarded, 1398
National High School Student Calculus Competition, 820
National Science Board Gives Public Service Award, 687
New Mathematics Center Established in Berlin, 946
New NSF Institutes Announced, 945
New Zealand Institute Launched, 692
News from The Fields Institute, 1402
News from the IMA, 340, 1402
News from the Institut Mittag-Leffler, 1272
News from IPAM, 1098
News from MSRI, 822, 947
News from Oberwolfach, 580
Norway Establishes Abel Prize in Mathematics, 39
NRC Forms Committee on Research Studies, 1273
NRC Research Associateship Programs, 1400
NRC-Ford Foundation Fellowships for Minorities, 1401
NRC-Ford Foundation Minority Fellowships Awarded, 233
NRC-Ford Foundation Postdoctoral Fellowships for Minorities, 43
NSA Grant and Sabbatical Programs, 942
NSF CAREER Program Guidelines Available, 690
NSF Distinguished International Postdoctoral Research Fellowships, 1097
NSF Focused Research Groups, 821
NSF Graduate Fellowships, 942
NSF Graduate Research Fellowships Announced, 688
NSF IGERT Program, 1097
NSF International Research Fellow Awards, 942
NSF Internships for Public Science Education, 579
NSF Mathematical Sciences Postdoctoral Research Fellowships, 821, 941
NSF Mathematics and Geosciences Program, 339
NSF Postdoctoral Fellowships Awarded, 1095
NSF Postdoctoral Research Fellowships, 578
NSF Program on Exploratory Research on Engineering the Service Sector, 339
ONR Young Investigator Program, 1097
Packard Fellowships Awarded, 939
PECASE Awards Announced, 1095
Petters Awarded First Blackwell-Tapia Prize, 1269
Photos from Fine Hall, 692
Prizes of the CRM, Montreal, 1397
Prizes of the International Congress of Chinese Mathematicians, 576
Prizes of the Mathematical Society of Japan, 483
Project NExT, 485
Putnam Prizes Awarded, 819
Ramanan Receives Third World Academy of Sciences Award, 1269
RAND Report on Research in Mathematics Education, 946
Rao and Stein Receive National Medal of Science, 926
Request for Proposals for 2003 NSF-CBMS Regional Conferences, 484
Research Experiences for Undergraduates, 579, 944
Research Opportunities for U.S. Graduate Students in Japan, Korea, and Taiwan, 1271
Resolution Honoring Martin Gardner, 1404
Rhodes Scholarships Awarded, 338
Royal Society of Canada Elections, 337, 1399
Royal Society of London Elections, 940
Scholarship Fund to Assist Dependents of Victims of September 11 Attacks, 343
SIAM Prizes Awarded, 1094
Siemens Westinghouse Competition Winners Announced, 483
Sinai Receives 2002 Nemmers Prize, 802
Smirnov and Prabhakar Awarded Rollo Davidson Prizes, 687
Stewart and Falconer Win AAAS Awards, 687
STIX Fonts Given Unicode Codes, 696
(A) Summer at Discovery.com, 694
Sunyer i Balaguer Prize Awarded, 687
Tolsa Awarded 2002 Salem Prize, 1094
Trjitzinsky Memorial Awards Presented, 1398
USA Mathematical Olympiad, 819
Visiting Mathematicians, 833, 1096

Whitt Awarded von Neumann Prize, 233
William Rundell Appointed DMS Director, 1096
Women's International Science Collaboration Program, 339
Wu Receives Radcliffe Institute for Advanced Study Fellowship, 1397

Authors of Articles

Abhyankar, Shreeram S., 759
Adam, John A., 1360
Adhikari, Ani, 1252
Austin, David, 669
Barbeau, Edward J., 905
Berlekamp, Elwyn, 8, 17
Blank, Brian E., 911
Boas, Harold P., 1053
Bonk, Mario, 647
Borcherds, Richard E., 1076
Bray, Hubert L., 1372
Brillinger, David R., 193
Browder, Felix, 658
Brown, Kenneth S., 1244
Burdzy, Krzysztof, 541
Butler, Lynne M., 455
Cover, Thomas M., 8
Crowley, Jim, 309
Cullen, Christopher, 783
Dauben, Joseph, 32, 211
Daverman, Robert J., 5
Dawson, John W., Jr., 1068
Dewdney, A. K., 1260
Diffie, Whitfield, 450
Downes, Michael, 1384
Durrett, Rick, 1221, 1237
Ewing, John, 771
Gallager, Robert G., 8
Golomb, Solomon W., 8, 791
Granville, Andrew, 1224
Hofmann, Karl Heinrich, 663
Holmes, Philip, 1392
Iserles, Arieh, 430
Jackson, Allyn, 23, 39, 208, 441, 566, 645, 679, 684, 896, 918, 1082, 1091, 1246, 1264
Karp, Richard M., 544
Kirby, Rob, 333
Knuth, Donald, 318
Koblitz, Neal, 328
Krantz, Steven G., 570
Landau, Susan, 450
Langlands, Robert P., 554
Lenstra, H. W., Jr., 182
Loftsgaarden, Don O., 217, 803, 928
Luminet, Jean-Pierre, 676
Lützen, Jesper, 795
Madison, Bernard L., 181
Manin, Yuri I., 325
Manteuffel, Tom, 309
Massey, James L., 8
Maxwell, James W., 217, 803, 928
Moll, Victor H., 311
Nolan, Deborah, 1252
Odom, William E., 885
Oort, Frans, 1382
Parshall, Karen Hunger, 458
Pegg, Ed, Jr., 1084
Phillips, Anthony, 1087
Porter, Mason A., 1357
Priestley, Kinda Remick, 217, 803, 928
Rankin, Samuel M., III, 681
Reitberger, Heinrich, 1232
Reys, Robert E., 202
Riehm, Carl, 778
Ruelle, David, 887
Rutter, Sara, 1078
Slade, Gordon, 1056
Speed, Terry, 429
Stiff, Lee V., 757
Tattersall, Jim, 1258
Trout, Jody, 462
Tucker, Thomas J., 1224
Viro, Oleg, 916
Viterbi, Andrew J., 8

Backlog of Mathematics Research Journals

963

Classified Advertisements

72, 285, 371, 515, 613, 730, 857, 1011, 1147, 1301, 1437

Commentary

Book Reviews: Reviewed by Joseph Dauben (*The Universal History of Numbers* and *The Universal History of Computing*), Part I, 32; Reviewed by Joseph Dauben (*The Universal History of Numbers* and *The Universal History of Computing*), Part II, 211; Reviewed by Yuri I. Manin (*Triangle of Thoughts*), 325; Reviewed by Neal Koblitz (*Radical Equations: Math Literacy and Civil Rights*), 328; Reviewed by Karen Hunger Parshall (*The Story of Mathematics*), 458; Reviewed by Jody Trout (*Flatterland: Like Flatland, Only More So*), 462; Reviewed by Steven G. Krantz (*The Universe in a Nutshell*), 570; Reviewed by David Austin (*The Mathematical Explorer: An Interactive Mathematics Book*), 669; Reviewed by Jean-Pierre Luminet (*The Book of Nothing: Vacuums, Voids, and the Latest Ideas about the Origins of the Universe*), 676; Reviewed by Solomon W. Golomb (*The Bit and the Pendulum*), 791; Reviewed by Jesper Lützen (*Called Too Soon by Flames Afar: Niels Henrik Abel and His Times*), 795; Reviewed by Edward J. Barbeau (*How the Other Half Thinks: Adventures in Mathematical Reasoning* and *Mathematics Galore! Masterclasses, Workshops, and Team Projects in Mathematics and Its Applications*), 905; Reviewed by Brian E. Blank (*The Hilbert Challenge* and *The Honors Class*), 911; Reviewed by Ed Pegg Jr. (*The Colossal Book of Mathematics*), 1084; Reviewed by Anthony Phillips (*Fragments of Infinity, A Kaleidoscope of Math and Art*), 1087; Reviewed by Jim Tattersall (*Conned Again Watson: Cautionary Tales of Logic, Math, and Probability*), 1258; Reviewed by A. K. Dewdney (*The Annotated Flatland: A Romance*

of Many Dimensions), 1260; Reviewed by Philip Holmes (*Does God Play Dice: The New Mathematics of Chaos* and *What Shape Is a Snowflake? Magical Numbers in Nature*), 1392
Letters to the Editor, 6, 310, 542, 646, 758, 886, 1054, 1222, 1358
Movie Review: Reviewed by Lynne M. Butler (*A Beautiful Mind*), 455
Opinion: Robert J. Daverman (What Next after the Pisa Meeting?), 5; Bernard L. Madison (Educating for Numeracy: A Challenging Responsibility), 181; Tom Manteuffel and Jim Crowley (SIAM Turns Fifty), 309; Terry Speed (Mathematics and the Human Genome), 429; Krzysztof Burdzy (Mathematical Articles and Bottled Water), 541; Allyn Jackson (Theft of Words, Theft of Ideas), 645; Lee V. Stiff (Working Together to Improve Mathematics Education), 757; William E. Odom (Sustaining the Momentum), 885; Harold P. Boas (The Amateur Professor), 1053; Rick Durrett (Whither VIGRE?), 1221; Mason A. Porter (Graduate Student Seminars: Encouraging Student Participation and Developing Essential Research Skills Using Cookies, Doughnuts, and Mathematics), 1357
Theater Review: Reviewed by Allyn Jackson (*QED*), 679

Conferences of the AMS

2003 von Neumann Conference, 1324
AMS Short Courses, 1162
Joint Summer Research Conferences in the Mathematical Sciences (2002), 1335

Conferences (Other)

AAAS Annual Meeting (2002), Boston, MA, 176, 304
AAAS Annual Meeting (2003), Denver, CO, 880, 1048, 1216, 1350, 1457, 1486
AAAS Meeting to Offer Strong Mathematics Program, 1457
Abel Bicentennial Conference 2002, Oslo, Norway, 176, 304, 424, 536, 640
International Congress of Mathematicians 2002, Beijing, China, 380
Sixth International Conference on Clifford Algebras and Their Applications to Mathematical Physics, Cookeville, TN, 176, 304, 424, 536, 640

Corrections

Addition to "Backlog", 46
Correction (ICM 2002 Speakers List), 233
Correction (reprint) to Faculty Salaries Tables, 487–8
Correction to "2000–2001 Doctoral Degrees Conferred", 487
Correction to *A Beautiful Mind* movie review, 693
Correction to Adams Prize announcement, 1274
Correction to AMS—Contributions, 693
Correction to "The Continuum Hypothesis, Part II", 46
Correction to faculty list in IAS article, 1274
Correction to Humboldt Foundation Award, 577
Correction to "Interview with Louis Nirenberg", 947
Correction to "Learning from Liu Hui?", 1274
Correction to National Academy of Sciences Prize in Applied Mathematics and Numerical Analysis, 689

Deaths of AMS Members

Arima, Satoshi, 826
Arkin, Joseph, 1276
Baruch, Herbert M., Jr., 581
Bauer, Heinz, 1404
Bell, Murray, 581
Bergstrom, Harald, 696
Blackall, Clair J., 581
Brown, Richard L. W., 696
Bueckner, Hans F., 1404
Cioranescu, Ioana, 1404
Cohen, Herman J., 1100
Donoghue, William F., Jr., 826
Dwork, Julius S., 696
Dyer-Bennet, John, 1276
Eaton, William T., 826
Ewy, Daniel J., 1276
Faurre, Pierre, 343
Frohlich, Albrecht, 343
Greenspan, Bernard, 581
Hamilton, John T., 1276
Hanna, Martin, 1404
Hansen, Erik Bent, 1100
Herzog, Fritz, 696
Howard, Edgar J., 343
Hurwitz, Solomon, 696
Innes, Evan, 581
Jones, Phillip S., 1276
Kirk, David B., 343
Koehler, C. Frederick, 1404
Lepson, Benjamin, 1404
Leschen, John G., 343
Lesieur, Leonce, 696
Loustaunau, Joaquin O., 826
McCoy, Dorothy, 826
Meacham, Robert C., 696
Mikolas, M., 581
Monheit, Lilly A., 826
Morduchow, Morris, 1276
Namkoong, Kyu-Oh, 1276
Nesbitt, Cecil J., 826
Paton, Mark James, 826
Pinney, Edmund J., 490
Robinson, Robin, 826
Schiffer, Menahem Max, 696
Schoenfeld, Lowell I., 696
Schwartz, Laurent, 1276
Schwarz, Binyamin, 696
Shank, Herbert S., 826
Shelly, Maynard W., 826
Siemon, Helmut, 343
Sitia, Candido, 1404
Smith, George R., 826
Souto, Jose Manuel Menendez, 581
Steele, Charles, 696
Tanovic-Miller, Naza, 696
Thoma, Elmar H., 1100
Thomas, Alan T., 696
Thron, Wolfgang J., 581
Troesch, B. Andreas, 826

Tuckerman, Bryant, 826
Tutte, W. T., 1276
Ueno, Kazushige, 696
Vaught, Robert L., 826
Weinstein, Tilla, 696
Wolinsky, Albert, 1100
Yaqub, Jill S., 1276

Doctoral Degrees Conferred 2000–2001

241
1999–2000 Supplementary List, 258
2000–2001 Supplementary List, 815
Corrections, 487–8

Editor's Note

6, 646, 1222, 1358

Education

(The) Amateur Professor, 1053
AMS Particpates in Planning for 2004 NAEP, 489
Best Current Practices: Recommendations on Electronic Information Communication (2002), 922
"But What Good Came of It at Last?"—How to Assess the Value of Undergraduate Research, 1252
Educating for Numeracy: A Challenging Responsibility, 181
Graduate Student Seminars: Encouraging Student Participation and Developing Essential Research Skills Using Cookies, Doughnuts, and Mathematics, 1357
Mathematics Education Positions in Higher Education and Their Applicants: A Many-to-One Correspondence, 202
NRC Forms Committee on Research Studies, 1273
Radical Equations: Math Literacy and Civil Rights (A Book Review), 328
RAND Report on Research in Mathematics Education, 946
Teaching Math in America: An Exhibit at the Smithsonian, 1082
USA Mathematical Olympiad, 819
Working Together to Improve Mathematics Education, 757

Election Information (AMS)

2001 Election Results, 259
2002 AMS Election (Nominations by Petition), 51, 261
2002 AMS Elections (Call for Suggestions), 260
2002 Election of Officers (Special Section), 967
Biographies of Candidates 2002, 970

Employment Center

Mathematical Sciences Employment Center, 1027, 1203, 1325
Mathematical Sciences Employment Center Forms, 1032, 1208, 1330

Feature Articles

All Questions Answered (Donald Knuth), 318
Black Holes, Geometric Flows, and the Penrose Inequality in General Relativity (Hubert L. Bray), 1372
Claude Elwood Shannon (1916–2001) (Solomon W. Golomb, Elwyn Berlekamp, Thomas M. Cover, Robert G. Gallager, James L. Massey, and Andrew J. Viterbi), 8
Dynamical Zeta Functions and Transfer Operators (David Ruelle), 887
Euclid's Windows and Our Mirrors (Robert P. Langlands), 554
(The) Evaluation of Integrals: A Personal Story (Victor H. Moll), 311
Expansions That Grow on Trees, 430
From Preprints to E-prints: The Rise of Electronic Preprint Servers in Mathematics (Allyn Jackson), 23
(The) IAS School of Mathematics (Allyn Jackson), 896
Interview with Louis Nirenberg, 441
It's As Easy As *abc* (Andrew Granville and Thomas J. Tucker), 1224
John Wilder Tukey (1915–2000) (David R. Brillinger), 193
Leopold Vietoris (1891–2002) (Heinrich Reitberger), 1232
Like a Bridge over Colored Water: A Mathematical Review of *The Rainbow Bridge: Rainbows in Art, Myth, and Science* (John A. Adam), 1360
Mathematical Challenges from Genomics and Molecular Biology (Richard M. Karp), 544
Max Dehn, Kurt Gödel, and the Trans-Siberian Escape Route (John W. Dawson Jr.), 1068
(The) Performance of Block Codes (Elwyn Berlekamp), 17
Reflections on the Future of Mathematics (Felix Browder), 658
Scaling Limits and Super-Brownian Motion (Gordon Slade), 1056
Singular Surfaces and Meromorphic Functions (Mario Bonk), 647
Solving the Pell Equation (H. W. Lenstra Jr.), 182
Three Ways of Measuring Distance, Three Orbits, Three Subdegrees, or the Great Theorems of Cameron and Kantor (Shreeram S. Abhyankar), 759
Twenty Centuries of Mathematics: Digitizing and Disseminating the Past Mathematical Literature (John Ewing), 771

Invited Speakers

Allcock, Daniel J. (Bloomington, IN), 875
Ambrosio, Luigi (Pisa, Italy), 101
Aschenbrenner, Matthias (New York, NY), 747
Babai, Lazlo (Ann Arbor, MI), 95
Benkart, Georgia (Atlanta, GA), 97
Bryant, Robert L. (Atlanta, GA), 97
Buhler, Joe P. (San Francisco, CA), 875
Burger, Edward B. (Portland, OR), 529
Cabre, Xavier (Seville, Spain), 302
Caffarelli, Luis A. (Pisa, Italy), 101
Canuto, Claudio (Pisa, Italy), 101
Conrad, Brian D. (Bloomington, IN), 875
Conrey, J. Brian (Boulder, CO), 877
Cox, Steven J. (Orlando, FL), 637
de la Llave, Rafael (Montréal, Canada), 100
Driver, Bruce K. (Baton Rouge, LA), 1461
E, Weinan (Baltimore, MD), 741
Ein, Lawrence (Madison, WI), 103
Eliashberg, Yakov (Salt Lake City, UT), 421
Elkies, Noam D. (Baltimore, MD), 740
Ercolani, Nicholas M. (Montréal, Canada), 100
Etnyre, John (New York, NY), 747
Evans, L. Craig (Pisa, Italy), 101

Fefferman, Charles (Seville, Spain), 302
Foellmer, Hans (New York, NY), 747
Forni, Giovanni (Boulder, CO), 877
Fowler, David H. (Baltimore, MD), 1169
Furstenberg, Hillel (Boston, MA), 635
Gallavotti, Giovanni (Pisa, Italy), 101
Gangbo, Wilfrid (New York, NY), 747
Haglund, James (Orlando, FL), 637
Heinonen, Juha M. (Boulder, CO), 877
Heitmann, Raymond C. (San Francisco, CA), 875
Henderson, Diane (Boston, MA), 103
Henderson, Johnny (Atlanta, GA), 97
Hesselholt, Lars (Montréal, Canada), 100
Hopkins, Michael (Seville, Spain), 302
Ionel, Eleny (Madison, WI), 103
Kalton, Nigel J. (Atlanta, GA), 97
Kamran, Niky (Montréal, Canada), 100
Katz, Nets (Ann Arbor, MI), 95
King, Christopher K. (Boston, MA), 103
Kitaev, Alexei Y. (San Francisco, CA), 875
Klainerman, Sergio (Pisa, Italy), 101
Kuchment, Peter (Binghamton, NY), 1345
Lakey, Joseph D. (Boulder, CO), 877
Liu, Xiaobo (Boston, MA), 103
Lumer, Gunter (Baton Rouge, LA), 1461
McCoy, Barry M. (Baton Rouge, LA), 1461
Milne, Stephen C. (Baton Rouge, LA), 1461
Mitrea, Marius (Orlando, FL), 637
Montgomery, Richard W. (Portland, OR), 419
Mumford, David B. (Baltimore, MD), 873
Nochetto, Ricardo H. (Orlando, FL), 637
Okounkov, Andrei (Baltimore, MD), 741
Oxley, James G. (Atlanta, GA), 97
Pandharipande, Rahul V. (Pisa, Italy), 101
Papanicolaou, George (Bangalore, India), 1467
Pemantle, Robin A. (Bloomington, IN), 875
Procesi, Claudio (Pisa, Italy), 101
Pugh, Charles C. (Baltimore, MD), 873
Randall, Dana (Baltimore, MD), 741
Reid, Alan (Ann Arbor, MI), 95
Ribet, Kenneth A. (Portland, OR), 419
Safonov, Mikhail (Madison, WI), 103
Sally, Paul J., Jr. (Baltimore, MD), 1169
Sarnak, Peter (Baltimore, MD), 741; (Bangalore, India), 1467
Scheinerman, Edward R. (Baltimore, MD), 740
Schwarz, Albert (Boulder, CO), 877
Sela, Zlil (Binghamton, NY), 748
Silverman, Joseph H. (Baltimore, MD), 1169
Smith, Hart F. (Salt Lake City, UT), 421
Sols, Ignacio (Seville, Spain), 302
Straley, Tina H. (Portland, OR), 529
Sullivan, John (Madison, WI), 103
Szabo, Zoltan (Binghamton, NY), 748
Tapia, Richard A. (Baltimore, MD), 1169
Titi, Edriss S. (Portland, OR), 419
Vaintrob, Arkady (San Francisco, CA), 875
Valerio, Jim (Portland, OR), 529
van den Dries, Lou P. (Boston, MA), 103
Vega, Luis (Seville, Spain), 302
Voevodsky, Vladimir (Baltimore, MD), 741; (Bangalore, India), 1467
Wang, Lihe (Ann Arbor, MI), 95
Ward, Michael (Salt Lake City, UT), 421
Wigderson, Avi (Boulder, CO), 877
Wilkinson, Amie (Salt Lake City UT), 421
Willenbring, Jeb F. (Binghamton, NY), 748
Wilson, Robin (Baltimore, MD), 1169
Wolf, Michael (Portland, OR), 419
Wu, Sijue (Bloomington, IN), 875
Zariphopoulou, Thaleia (Ann Arbor, MI), 95
Zelmanov, Efim (Seville, Spain), 302

Letters to the Editor

Ahlgren, Scott (Response to Hirschhorn), 758
Avrunin, George S. (Digital Millennium Copyright Act), 310
Baladi, Viviane (Universities under Curfew), 1358
Buch, Anders (Digital Millennium Copyright Act), 310
Cannon, Ray (Response to Weintraub), 542
Curtindolph, Calvin A. (Public Repositories of Mathematical Articles), 758
Daigneault, Aubert (Response to Wright and Boerner), 6
DeRise, George (André Bloch), 1054
Donaly, Pat (Commutative Diagrams in the Fine Arts), 1054
Ekeland, Ivar (Universities under Curfew), 1358
Finn, Robert (Menahem Max Schiffer), 886
Gromov, Mikhael (Human Rights and the ICM), 7
Harris, Michael (Universities under Curfew), 1358
Hirschhorn, Michael D. (Ramanujan's Partition Congruences), 758; (Hypergeometric Identities), 758
Hwang, Andrew D. (Digital Millennium Copyright Act), 310
Kangel, Jay (All Questions Answered), 646
Kasman, Alex (A Beautiful Mind), 646
Kra, Irwin (A Boycott by Passport), 1222
Madison, Bernard (Response to Weintraub), 542
Miller, Haynes (Responses to Kra), 1223
Mitro, Joanna (Barnett Lecture Series), 6
Naimpally, Som (Contribution of John Nash to General Topology and Real Analysis), 543
Ono, Ken (Response to Hirschhorn), 758
Osgood, Brad (Menahem Max Schiffer), 886
Osserman, Robert (Menahem Max Schiffer), 886
Pefferly, R. (Unemployed Mathematicians), 1223
Riddle, Larry (Response to Weintraub), 542
Rosenstein, George (Response to Weintraub), 542
Sangalli, Arturo (Response to Wright and Boerner), 6
Schlafly, Roger (Software Patents), 543
Shalen, Peter B. (Responses to Kra), 1222
Smoller, Joel (Big-Bang Cosmology), 6
Sottile, Frank (Digital Millennium Copyright Act), 310
Weintraub, Steven H. (AP Calculus Grading), 542
Weiss, Alan (Negotiating Contracts with Publishers), 7

Mathematicians

Aizenman, Michael (2002 L. E. J. Brouwer Prize), 337
Alappattu, Jomy (National Defense Science and Engineering Graduate Fellowships Awarded), 1398
Alder, Berni J. (2001 Boltzmann Medal), 42
Ando, Tsuyoshi (Hans Schneider Prize), 1397
Artin, Michael (2002 Steele Prize), 466

Banks, H. Thomas (SIAM W. T. and Idalia Reid Prize), 1094
Barton, Reid W. (Putnam Prize), 819
Berlekamp, Elwyn R. (AAAS Fellow in Information, Computing, and Communciation), 233
Bernstein, Daniel (2002 Sloan Fellows), 688
Bigelow, Stephen (2002 Sloan Fellows), 688
Biss, Daniel K. (Biss and Rodnianski Awarded CMI Long-Term Prize Fellowships), 939
Borwein, Jonathan M. (AAAS Fellow), 233
Borwein, Peter (MAA Lester R. Ford Award), 1094
Bregler, Christoph (SIAM I. E. Block Community Lectureship), 1094
Brette, Jean (2002 d'Alembert Prize), 1096
Brillinger, David R. (Parzen Prize), 687
Brink, James (National Defense Science and Engineering Graduate Fellowships Awarded), 1398
Bryant, Robert L. (American Academy of Arts and Sciences Elections), 819
Buzzard, Kevin M. (LMS Whitehead Prize), 1095
Calegari, Frank (Calegari Selected as AIM Five-Year Fellow), 577
Carroll, Gabriel D. (Putnam Prize), 819
Chaleyat-Maurel, Mireille (2002 d'Alembert Prize), 1096
Chapman, Jonathan (SIAM Julian Cole Lectureship), 1094
Chen, Jinyi (2001 André Aisenstadt Mathematics Prize), 1397
Chern, Shiing-Shen (Prizes of the International Congress of Chinese Mathematicians), 576; (Chern Receives Blaschke Medal), 818
Chu, Kevin (National Defense Science and Engineering Graduate Fellowships Awarded), 1398
Conrad, Brian D. (PECASE Awards), 1095
Cortez, Ricardo (2001 CAREER Award), 42
Corti, Alessio (LMS Whitehead Prize), 1095
Csörnyei, Marianna (LMS Whitehead Prize), 1095
Curnow, Roger (B. H. Neumann Award), 1270
Dahmen, Wolfgang (2002 Leibniz Prizes Awarded), 577
D'Andrea, Raffaello (PECASE Award), 1095
Davis, Mark H. A., (LMS Naylor Prize and Lectureship in Applied Mathematics), 1095
Dehn, Max (Max Dehn, Kurt Gödel, and the Trans-Siberian Escape Route), 1068
Dennis-Monzingo, Vivian (2002 MAA Certificate of Meritorious Service), 575
DeTurck, Dennis (2002 MAA Haimo Award), 574
Devaney, Robert L. (Devaney Wins NSF Director's Award), 819
Durrett, Richard T. (American Academy of Arts and Sciences Elections), 819
Eckhardt, Bruno (2002 Leibniz Prizes Awarded), 577
Falconer, Etta Z. (AAAS Award), 687
Fannjiang, Albert C. (2002–2003 AMS Centennial Fellowships Awarded), 686
Farley, Jonathan D. (Fulbright Award), 688
Farris, Frank A. (MAA Trevor Evans Award), 1094
Fedkiw, Ronald P. (PECASE Award), 1095
Feeman, Timothy G. (MAA George Pólya Award), 1094
Ferguson, Helaman (2002 JPBM Communications Award—with Claire Ferguson), 1267
Freed, Daniel S. (Guggenheim Fellowship), 688
Friedlander, John B. (2002 CRM/Fields Institute Prize), 1397
Furman, Alexander (2001 CAREER Award), 42
Gan, Wee Teck (2002–2003 AMS Centennial Fellowships Awarded), 686
Geelen, James F. (2002 Sloan Fellows), 688
Geline, Michael (National Defense Science and Engineering Graduate Fellowships Awarded), 1398
Gerhardt, Teena (National Defense Science and Engineering Graduate Fellowships Awarded), 1398
Gethner, Ellen (2002 MAA Chauvenet Prize), 574
Gibbs, Richard A. (2002 MAA Certificate of Meritorious Service), 575
Glover, Fred W. (National Academy of Engineering Elections), 689
Godambe, Vidyadhar (Royal Society of Canada), 1399
Gödel, Kurt (Max Dehn, Kurt Gödel, and the Trans-Siberian Escape Route), 1068
Goldstein, Catherine (2002 d'Alembert Prize), 1096
Goresky, Mark (2002 Steele Prize), 466
Green, Michael B. (2002 Heineman Prize), 687
Gromov, Mikhael (2002 Kyoto Prize), 1091
Guckenheimer, John (AAAS Fellow), 233
Guth, Alan (2002 Dirac Medal), 1269
Halpern, Paul H. (Guggenheim Fellowship), 688
Harris, Joseph D. (American Academy of Arts and Sciences Elections), 819
Heinrich, Stefan (Heinrich Receives Prize for Achievement in Information-Based Complexity, 939
Helleloid, Geir (National Defense Science and Engineering Graduate Fellowships Awarded), 1398
Hino, Masanori (Takebe Senior Prize of the MSJ), 483
Hitchin, N. J. (LMS Pólya Prize), 1095
Honda, Ko (2002 Sloan Fellows), 688
Hopkins, Michael J. (American Academy of Arts and Sciences Elections), 819
Howson, Susan (Adams Prize), 818
Hu, Gang (SIAM Richard C. DiPrima Prize), 1094
Huylebrouck, Dirk (MAA Lester R. Ford Award), 1094
Ito, Yukari (Takebe Senior Prize of the MSJ), 483
Iwaniec, Henryk (2002 Cole Prize in Number Theory), 476; (Iwaniec, Sarnak, and Taylor Receive Ostrowski Prize), 800
Iyama, Osamu (Takebe Junior Prize of the MSJ), 483
Jerri, Abdul J. (Fulbright Award), 688
Jones, Martin L. (Fulbright Award), 688
Jorgenson, Loki (MAA Lester R. Ford Award), 1094
Kakizawa, Yoshihide (Takebe Senior Prize of the MSJ), 483
Kamran, Niky (Royal Society of Canada), 1399
Katznelson, Yitzhak (2002 Steele Prize), 466
Kawahigashi, Yasuyuki (Kawahigashi Receives MSJ Spring Prize), 939
Kawarabayashi, Ken-ichi (Takebe Junior Prize of the MSJ), 483
Kawasaki, Kyozi (2001 Boltzmann Medal), 42
Kechris, Alexander (Guggenheim Fellowship), 688
Keel, Markus (2002 Sloan Fellows), 688
Kenig, Carlos E. (American Academy of Arts and Sciences Elections), 819
Kirkpatrick, Kay (2002 AWM Schafer Prize), 573

Kirtland, Joseph (2002 MAA Beckenbach Book Prize), 574
Kovács, Sándor (2001 CAREER Award), 42; (2002 Sloan Fellows), 688
Kreiss, Heinz-Otto (Kreiss Wins National Academy of Sciences Award), 576
Kutz, José Nathan (2001 CAREER Award), 42
Lacker, Kevin D. (Putnam Prize), 819
Lafforgue, Laurent (Fields Medal), 1264
Lander, Eric (SIAM John von Neumann Lectureship), 1094
Lee, George, Jr. (Putnam Prize), 819
Levin, Michael A. (2001 Morgan Prize Honorable Mention), 1092
Levine, Marc (Wolfgang Paul Award/Humboldt Foundation), 337
Li, Jun (Prizes of the International Congress of Chinese Mathematicians), 576
Libgober, Anatoly S. (Fulbright Award), 688
Lieb, Elliott H. (2002 Conant Prize), 481; (Lieb Receives Honor from Austria), 1397
Lieberman, Erez (National Defense Science and Engineering Graduate Fellowships Awarded), 1398
Lin, Fanghua (2002 Bôcher Prize), 472
Lin, Song-Sun (Prizes of the International Congress of Chinese Mathematicians), 576
Linde, Andrei (2002 Dirac Medal), 1269
Liu, Kefeng (Guggenheim Fellowship), 688
Lototsky, Sergey (2002 Sloan Fellows), 688
Loya, Paul A. (NRC-Ford Foundation Postdoctoral Fellowship), 233
Lubotzky, Alexander (Sunyer i Balaguer Prize Awarded), 687
Luciano, Dennis (2002 MAA Certificate of Meritorious Service), 575
Lyons, Terence J. (Royal Society of London Elections), 940
Lyubich, Mikhail (Guggenheim Fellowship), 688
MacPherson, Robert (2002 Steele Prize), 466
Madras, Neal (Royal Society of Canada), 1399
Malone, Samuel W. (Rhodes Scholarship), 338
Mandelbrot, Benoit (Mandelbrot Receives Procter Prize), 818
Manin, Yuri I. (Manin and Shor Receive 2002 Faisal Prize), 684
Manolescu, Ciprian (2001 Morgan Prize), 1092
Marcolli, Matilde (Sofya Kovalevskaya Prize/Humboldt Foundation), 337
Marinkovich, Bogoljab (2002 Paul Erdős Award), 1096
Martin, Greg (MAA Lester R. Ford Award), 1094
Matchett, Philip (National Defense Science and Engineering Graduate Fellowships Awarded), 1398
Matis, James H. (Fulbright Award), 688
Matkowsky, Bernard J. (AAAS Fellow), 233
McCullagh, Peter (American Academy of Arts and Sciences Elections), 819
McKinzie, Mark (MAA Carl B. Allendoefer Award), 1094
McLaughlin, David W. (National Academy of Sciences Elections), 819
Mihelich, Christopher (National Defense Science and Engineering Graduate Fellowships Awarded), 1398
Miller, Peter D. (2002 Sloan Fellows), 688
Miller, Zachariah R. (Rhodes Scholarship), 338
Miyaoka, Reiko (Geometry Prize of the MSJ), 483
Moriwaki, Atsushi (Autumn Prize of the MSJ), 483
Morse, A. Stephen (National Academy of Engineering Elections), 689
Neeman, Itay (2001 CAREER Award), 42
Nirenberg, Louis (Interview with), 441
Okounkov, Andrei (Packard Fellowships Awarded), 939
O'Neal, Jerome (National Defense Science and Engineering Graduate Fellowships Awarded), 1398
Pekker, Alexander (National Defense Science and Engineering Graduate Fellowships Awarded), 1398
Petro, John W. (2002 MAA Certificate of Meritorious Service), 575
Petters, Arlie O. (Blackwell-Tapia Prize), 1269
Pierce, Lillian B. (Rhodes Scholarship), 338
Polyak, Roman A. (Fulbright Award), 688
Prabhakar, Balaji (Rollo Davidson Prize), 687
Priest, Eric R. (Royal Society of London Elections), 940
Ramakrishna, Ravi Kumar (2002–2003 AMS Centennial Fellowships Awarded), 686
Ramanan, Sundararaman (Third World Academy of Sciences Award), 1269
Ramras, Daniel (National Defense Science and Engineering Graduate Fellowships Awarded), 1398
Rao, Calyampudi R. (Rao and Stein Receive National Medal of Science), 926
Rees, Susan M. (Royal Society of London Elections), 940
Reid, Miles A. (Royal Society of London Elections), 940
Reid, Nancy (Royal Society of Canada), 337
Reiter, Harold B. (2002 Paul Erdős Award), 1096
Rickard, Jeremy (LMS Senior Berwick Prize), 1095
Ricker, Paul M. (PECASE Award), 1095
Roberts, David L. (MAA Lester R. Ford Award), 1094
Rodnianski, Igor (Biss and Rodnianski Awarded CMI Long-Term Prize Fellowships), 939
Roper, William B., Jr. (Rhodes Scholarship), 338
Ruelle, David P. (National Academy of Sciences Elections), 819
Rundell, William (Appointed DMS Director), 1096
Ryzhik, Leonid V. (2002 Sloan Fellows), 688
Sally, Paul J., Jr. (2002 MAA Haimo Award), 574
Samarov, Alexander M. (Fulbright Award), 688
Sarnak, Peter (Iwaniec, Sarnak, and Taylor Receive Ostrowski Prize), 800; (National Academy of Sciences Elections), 819; (Royal Society of London Elections), 940
Sato, Kanetomo (Takebe Junior Prize of the MSJ), 483
Scanlon, Thomas (2002 Sloan Fellows), 688
Schultz, Reinhard (AAAS Fellow), 233
Schwarz, John H. (2002 Heineman Prize), 687
Segal, Dan (Sunyer i Balaguer Prize Awarded), 687
Selden, Annie (2002 AWM Hay Award), 573
Shannon, Claude Elwood (Memorial Article), 8
Shipley, Brooke E. (2002 Sloan Fellows), 688
Shor, Peter W. (Manin and Shor Receive 2002 Faisal Prize), 684; (National Academy of Sciences Elections), 819
Sinai, Yakov G. (Sinai Receives 2002 Nemmers Prize), 802
Siu, Yum-Tong (National Academy of Sciences Elections), 819
Siwanowicz, Jan K. (Putnam Prize), 819
Skinner, Christopher M. (Packard Fellowships Awarded), 939
Smirnov, Stanislav (Rollo Davidson Prize), 687

Smith, Camillia (National Defense Science and Engineering Graduate Fellowships Awarded), 1398
Soshnikov, Alexander (2002 Sloan Fellows), 688
Spagnolie, Saverio (National Defense Science and Engineering Graduate Fellowships Awarded), 1398
Spitznagel, Edward, Jr. (2002 MAA Haimo Award), 574
Stein, Elias M. (2002 Steele Prize), 466; (Rao and Stein Receive National Medal of Science), 926
Steinhardt, Paul (2002 Dirac Medal), 1269
Stewart, Ian N. (AAAS Fellow), 233; (AAAS Award), 687
Sudan, Madhu (Nevanlinna Prize), 1266
Sun, Wen-Hsein (2002 Paul Erdós Award), 1096
Takaoka, Hideo (Takebe Senior Prize of the MSJ), 483
Tanton, James (MAA Trevor Evans Award), 1094
Tao, Terence (2002 Bôcher Prize), 472
Tataru, Daniel (2002 Bôcher Prize), 472
Taylor, Richard L. (2001 Fermat Prize), 233; (2002 Cole Prize in Number Theory), 476; (Guggenheim Fellowship), 688; (Iwaniec, Sarnak, and Taylor Receive Ostrowski Prize), 800
Teleman, Constantin (LMS Whitehead Prize), 1095
Tolsa, Xavier (2002 Salem Prize), 1094
Tondeur, Philippe (Interview with), 918
Tracy, Craig A. (SIAM George Pólya Prize Lectureship), 1094
Tribble, Seth (National Defense Science and Engineering Graduate Fellowships Awarded), 1398
Tronel, Gérard (2002 d'Alembert Prize), 1096
Tuckey, Curtis (MAA Carl B. Allendoefer Award), 1094
Tukey, John Wilder (Memorial Article), 193
Unterberger, André (Sunyer i Balaguer Prize Awarded), 687
Ushijima, Akira (Takebe Junior Prize of the MSJ), 483
Vakil, Ravi Damodar (2002 Sloan Fellows), 688
Vanden-Eijnden, Eric (2002 Sloan Fellows), 688
Vasy, Andras (2002 Sloan Fellows), 688
Vatsal, Vinayak (2002 Sloan Fellows), 688
Vietoris, Leopold (Memorial Article), 1232
Voevodsky, Vladimir (Fields Medal), 1264
von Randow, Gero (German Mathematical Society Media Prize), 1270
Vu, Van H. (2002 Sloan Fellows), 688
Wagon, Stan (2002 MAA Chauvenet Prize), 574
Wan, Daquing (Prizes of the International Congress of Chinese Mathematicians), 576
Wang, Chin-Lung (Prizes of the International Congress of Chinese Mathematicians), 576
Werner, Wendelin (2001 Fermat Prize), 233
Weyuker, Elaine J. (National Academy of Engineering Elections), 689
Whitt, Ward (2001 John von Neumann Prize), 233
Wick, Brian (2002 MAA Chauvenet Prize), 574
Widom, Harold (SIAM George Pólya Prize Lectureship), 1094
Wilder, Kenneth J. (Fulbright Award), 688
Wiley, Daniel A. (NRC-Ford Foundation Predoctoral Fellowship), 233
Wilking, Burkhard (2002 Sloan Fellows), 688
Williams, Lauren (National Defense Science and Engineering Graduate Fellowships Awarded), 1398
Williams, Sheila (B. H. Neumann Award), 1270
Winternitz, Pavel (2002 CAP-CRM Prize), 1397
Wood, Melanie (2002 AWM Schafer Prize), 573
Woodburn, Cynthia J. (2002 MAA Certificate of Meritorious Service), 575
Wright, Margaret H. (2002 Award for Distinguished Public Service), 479
Wright, Paul (National Defense Science and Engineering Graduate Fellowships Awarded), 1398
Wu, Sijue (Prizes of the International Congress of Chinese Mathematicians), 576; (Radcliffe Institute for Advanced Study Fellowship), 1397
Xi, Nanhua (Prizes of the International Congress of Chinese Mathematicians), 576
Yau, Horng-Tzer (Prizes of the International Congress of Chinese Mathematicians), 576
Yngvason, Jakob (2002 Conant Prize), 481
Yu, Jiu-Kang (Prizes of the International Congress of Chinese Mathematicians), 576
Yuan, Yu (2002 Sloan Fellows), 688
Zbarsky, Boris (National Defense Science and Engineering Graduate Fellowships Awarded), 1398
Zerla, Fredric (2002 MAA Certificate of Meritorious Service), 575
Zhao, Hongkai (2002 Sloan Fellows), 688

Mathematics

Black Holes, Geometric Flows, and the Penrose Inequality in General Relativity, 1372
Commutative Diagrams in the Fine Arts, 663
Conversations about Mathematics, 333
Dynamical Zeta Functions and Transfer Operators, 887
Euclid's Windows and Our Mirrors, 554
(The) Evolution of Integrals: A Personal Story, 311
Expansions That Grow on Trees, 430
It's As Easy As *abc*, 1224
Learning from Liu Hui? A Different Way to Do Mathematics, 783
Leopold Vietoris (1891–2002), 1232
Like a Bridge over Colored Water: A Mathematical Review of *The Rainbow Bridge: Rainbows in Art, Myth, and Science*, 1360
Mathematical Challenges from Genomics and Molecular Biology, 544
Mathematical Sciences in the FY 2003 Budget, 681
Mathematics and the Human Genome, 429
(The) Performance of Block Codes, 17
Scaling Limits and Super-Brownian Motion, 1056
September 11th Did Not Change Cryptography Policy, 450
Singular Surfaces and Meromorphic Functions, 647
Solving the Pell Equation, 182
TEX and LATEX 2e, 1384
Three Ways of Measuring Distance, Three Orbits, Three Subdegrees, or the Great Theorems of Cameron and Kantor, 759
WHAT IS an Alteration?, 1382
WHAT IS an Amoeba?, 916
WHAT IS a Building?, 1244
WHAT IS the Monster?, 1076

Mathematics Calendar

54, 268, 353, 499, 601, 709, 847, 987, 1133, 1286, 1417

Mathematics History

Claude Elwood Shannon (1916–2001), 8
(The) IAS School of Mathematics, 896
Interview with Louis Nirenberg, 441
John Wilder Tukey (1915–2000), 778
Leopold Vietoris (1891–2002), 1232
Max Dehn, Kurt Gödel, and the Trans-Siberian Escape Route, 1068
SIAM Turns Fifty, 309
(The) Universal History of Numbers and *The Universal History of Computing*—A Book Review, Part I, 32
(The) Universal History of Numbers and *The Universal History of Computing*—A Book Review, Part II, 211

Meeting Announcements, Presenters of Papers, and Programs

Ann Arbor, MI (announcement), 95
Atlanta, GA (announcement), 97
Baltimore, MD (announcement and timetable), 1166
Boston, MA (announcement), 867
Madison, WI (announcement), 869
Montreal, Quebec, Canada (announcement), 415
Orlando, FL (announcement), 1039
Pisa, Italy (announcement), 416
Portland, OR (announcement), 528
Salt Lake City (announcement), 871
San Diego, CA (program and presenters), 106

Meetings and Conferences

93, 295, 413, 525, 632, 735, 867, 1037, 1163, 1216, 1338, 1459
General Information Regarding Meetings & Conferences of the AMS, 175
Meetings and Conferences Table of Contents, 176, 304, 424, 536, 640, 752, 880, 1048, 1216, 1350, 1486

2002 Meetings

San Diego, CA, 93
Ann Arbor, MI, 95, 295, 413
Atlanta, GA, 97, 296, 414, 525
Montréal, Canada, 100, 297, 415, 526, 632
Pisa, Italy, 100, 297, 416, 527, 633, 735
Portland, OR, 102, 299, 419, 528, 634, 737
Boston, MA, 103, 300, 419, 531, 635, 738, 867, 1037, 1163
Madison, WI, 103, 300, 420, 532, 636, 738, 869, 1038, 1164, 1338
Salt Lake City, UT, 104, 301, 421, 533, 637, 739, 871, 1038, 1165, 1339
Orlando, FL, 104, 301, 421, 533, 637, 740, 872, 1039, 1165, 1339, 1459

2003 Meetings

Baltimore, MD, 104, 301, 421, 533, 637, 740, 873, 1041, 1166, 1340, 1460
Baton Rouge, LA, 104, 301, 421, 534, 637, 746, 874, 1042, 1187, 1341, 1461
Bloomington, IN, 104, 302, 422, 534, 638, 746, 875, 1042, 1187, 1342, 1462
New York, NY, 302, 422, 534, 638, 747, 875, 1043, 1188, 1342, 1463
San Francisco, CA, 747, 875, 1043, 1188, 1343, 1464
Seville, Spain, 105, 302, 422, 534, 638, 747, 875, 1043, 1188, 1343, 1464
Boulder, CO, 748, 877, 1045, 1190, 1345, 1466
Binghamton, NY, 105, 302, 423, 535, 639, 748, 877, 1045, 1190, 1345, 1466
Chapel Hill, NC, 1046, 1191, 1345, 1466
Bangalore (Goa), India, 749, 878, 1046, 1191, 1345, 1467

2004 Meetings

Phoenix, AZ, 105, 302, 423, 535, 639, 749, 878, 1046, 1191, 1346, 1467
Tallahassee, FL, 1046, 1191, 1346, 1467
Athens, OH, 105, 303, 423, 535, 639, 749, 878, 1046, 1191, 1346, 1467
Los Angeles, CA, 1467
Lawrenceville, NJ, 1046, 1192, 1346, 1468
Houston, TX, 1346, 1468
Pittsburgh, PA, 1047, 1192, 1347, 1468

2005 Meetings

Atlanta, GA, 105, 303, 423, 535, 639, 749, 878, 1047, 1192, 1347, 1468
Mainz, Germany, 1347, 1468

2006 Meetings

San Antonio, TX, 749, 878, 1047, 1192, 1347, 1469

2007 Meetings

New Orleans, LA, 750, 879, 1047, 1192, 1347, 1469

Memorial Articles

Claude Elwood Shannon (1916–2001) (Solomon W. Golomb, Elwyn Berlekamp, Thomas M. Cover, Robert G. Gallager, James L. Massey, and Andrew J. Viterbi), 8
John Wilder Tukey (1915–2000) (David R. Brillinger), 193
Leopold Vietoris (1891–2002) (Heinrich Reitberger), 1232

New Publications Offered by the AMS

59, 272, 361, 505, 609, 722, 852, 1002, 1138, 1288, 1423

Officers of the Society 2001 and 2002 Updates

705, 1107

Opinion

Letters to the Editor, 6, 310, 542, 646, 758, 886, 1054, 1222, 1358
Opinion, 5, 181, 309, 429, 541, 645, 757, 885, 1053, 1221, 1357

Opportunities

2001–2003 Women's International Science Collaboration Program, 339
2002 NSF-CBMS Regional Conferences, 484
2002 Prize for Achievement in Information-Based Complexity, 44

2002 Summer Program for Women in Mathematics, 340
AAAS Meeting to Offer Strong Mathematics Program, 1457
AAUW Educational Foundation Fellowships and Grants, 1272
American Mathematical Society Centennial Fellowships, 941, 1271
AMS–AAAS Mass Media Fellowships, 1402
AMS Scholarships for "Math in Moscow", 486
AP Calculus Readers Sought, 486
Applications, Nominations Sought for MR Executive Editor Position, 1414
AWM Essay Contest, 1099
AWM Travel Grants for Women, 943
AWM Workshop for Women Graduate Students and Postdocs, 1272
BMS Chairs Colloquium 2002, 942
Call for Applications for AMS Epsilon Fund, 1098
Call for Nominations for the 2003 Fermat Prize, 1271
Call for Nominations for 2003 George David Birkhoff Prize, Frank Nelson Cole Prize in Algebra, Levi L. Conant Prize, Ruth Lyttle Satter Prize, 496, 598
Call for Nominations for 2003 Leroy P. Steele Prizes, 263, 351
Call for Nominations for AWM Hay and Schafer Awards, 690
Call for Nominations for D. R. Fulkerson Prize, 1285
Call for Nominations for E. H. Moore Research Article Prize, 497, 599
Call for Nominations for National Medal of Science, 690
Call for Nominations for Nemmers Prizes, 823
Call for Nominations for Sloan Fellowships, 690
Call for Nominations for Third World Academy of Sciences Prizes, 1098
Call for Nominations for Waterman Award, 1098
Call for Submissions for Sunyer i Balaguer Prize, 944
Call for VIGRE Proposals, 578
Career Awards for Research Addressing Biological Questions, 485
CARGO Program, 1400
COBASE Collaborative Grants, 234, 943
Deadlines and Target Dates at the DMS, 43
DMS Employment Opportunities, 45
DMS/NIGMS Program in Mathematical Biology, 821
EDGE Summer Program, 1401
Fulbright Lecturing/Research Grants, 578
Goldstine Postdoctoral Fellowship, 44
Humboldt Foundation Offers Fellowships, 1098
IAS/Park City Mathematics Institute, 235
ICM Travel Grants, 341
Maria Mitchell Women in Science Award, 341
National Academies Internship Program, 340
National Defense Science and Engineering Graduate Fellowships, 1400
New Mathematics Center Established in Berlin, 946
New NSF Institutes Announced, 945
News from The Fields Institute, 1402
News from the IMA, 340, 1402
News from the Institut Mittag-Leffler, 1272
News from IPAM, 1098
News from MSRI, 822, 947
News from Oberwolfach, 580
Nominations Sought for *Notices* Editor Position, 495, 597
NRC Research Associateship Programs, 1400
NRC-Ford Foundation Fellowships for Minorities, 1401
NRC-Ford Foundation Postdoctoral Fellowships for Minorities, 43
NSA Grant and Sabbatical Programs, 942
NSF CAREER Program Guidelines Available, 690
NSF Distinguished International Postdoctoral Research Fellowships, 1097
NSF Focused Research Groups, 821
NSF Graduate Fellowships, 942
NSF IGERT Program, 1097
NSF International Research Fellow Awards, 942
NSF Internships for Public Science Education, 579
NSF Mathematical Sciences Postdoctoral Research Fellowships, 821, 941
NSF Mathematics and Geosciences Program, 339
NSF Postdoctoral Research Fellowships, 578
NSF Program on Exploratory Research on Engineering the Service Sector, 339
ONR Young Investigator Program, 1097
Project NExT, 485
Request for Proposals for 2003 NSF-CBMS Regional Conferences, 484
Research Experiences for Undergraduates, 579, 944
Research Opportunities for U.S. Graduate Students in Japan, Korea, and Taiwan, 1271

Prizes and Awards

2001 Boltzmann Medals (Berni J. Alder, Kyozi Kawasaki), 42
2001 CAREER Awards (Ricardo Cortez, Alexander Furman, Sándor Kovács, José Nathan Kutz, Itay Neeman), 42
2001 Fermat Prize (Richard Taylor), 233
2001 John von Neumann Prize (Ward Whitt), 233
2001 Morgan Prize (Ciprian Manolescu, Michael A. Levin), 1092
2002 d'Alembert Prize (Jean Brette, Catherine Goldstein, Mireille Chaleyat-Maurel, Gérard Tronel), 1096
2002 Award for Distinguished Public Service (Margaret H. Wright), 479
2002 AWM Hay Award (Annie Selden), 573
2002 AWM Schafer Prize (Kay Kirkpatrick, Melanie Wood), 573
2002 Bôcher Prize (Daniel Tataru, Terence Tao, Fanghua Lin), 472
2002 Cole Prize in Number Theory (Henryk Iwaniec, Richard Taylor), 476
2002 Conant Prize (Elliott H. Lieb, Jakob Yngvason), 481
2002 Dirac Medals (Alan Guth, Andrei Linde, Paul Steinhardt), 1269
2002 Faisal Prize (Yuri L. Manin, Peter W. Shor), 684
2002 Hans Schneider Prize (Tsuyoshi Ando), 1397
2002 Heineman Prize (Michael B. Green, John H. Schwarz), 687
2002 Intel Science Talent Search Winners Announced, 689
2002 JPBM Communications Award (Helaman and Claire Ferguson), 1267
2002 Kyoto Prize (Mikhael Gromov), 1091

2002 L. E. J. Brouwer Prize of the Dutch Mathematical Society (Michael Aizenman), 337
2002 Leibniz Prizes (Wolfgang Dahmen, Bruno Eckhardt), 577
2002 London Mathematical Society Prizes (Pólya Prize—N. J. Hitchin; Senior Berwick Prize—Jeremy Rickard; Naylor Prize and Lectureship—Mark H. A. Davis; Whitehead Prizes—Kevin M. Buzzard, Alessio Corti, Marianna Csörnyei, Constantin Teleman), 1095
2002 MAA Beckenbach Book Prize (Joseph Kirtland), 574
2002 MAA Chauvenet Prize (Ellen Gethner, Stan Wagon, Brian Wick), 574
2002 MAA Haimo Awards (Dennis DeTurck, Paul J. Sally Jr., Edward Spitznagel Jr.), 574
2002 Nemmers Prize (Yakov G. Sinai), 802
2002 Paul Erdős Awards (Bogoljab Marinkovich, Harold B. Reiter, Wen-Hsien Sun), 1096
2002 Salem Prize (Xavier Tolsa), 1094
2002 Sloan Fellows (Vinayak Vatsal, Thomas Scanlon, Alexander Soshnikov, Hongkai Zhao, Van H. Vu, Stephen Bigelow, Leonid V. Ryzhik, Daniel Bernstein, Andras Vasy, Peter D. Miller, Markus Keel, Eric Vanden-Eijnden, Burkhard Wilking, Brooke E. Shipley, Ko Honda, Sergey Lototsky, Ravi Damodar Vakil, Sándor Kovács, Yu Yuan, James F. Geelen), 688
2002 Steele Prizes (Yitzhak Katznelson, Mark Goresky, Robert MacPherson, Michael Artin, Elias Stein), 466
2002–2003 AMS Centennial Fellowships Awarded (Albert C. Fannjiang, Wee Teck Gan, Ravi Kumar Ramakrishna), 686
AAAS Award for Public Understanding of Science and Technology (Ian Stewart), 687
AAAS Fellows (Jonathan M. Borwein, John Guckenheimer, Bernard J. Matkowsky, Reinhard Schultz, Ian N. Stewart, Elwyn R. Berlekamp), 233
AAAS Mentor Award for Lifetime Achievement (Etta Z. Falconer), 687
Adams Prize (Susan Howson), 818
AIM Five-Year Fellow (Frank Calegari), 577
American Academy of Arts and Sciences Elections (Robert L. Bryant, Richard T. Durrett, Joseph D. Harris, Michael J. Hopkins, Carlos E. Kenig, Peter McCullagh), 819
AMS Award for Outstanding Student Paper Presentations (Elizabeth Donovan, Ed Kenney, Borislav Mezhericher, F. Ronald Ogborne, Teresa Selee, Robert Shuttleworth, Brian Wyman), 1399
AMS Menger Prizes at the 2002 ISEF, 940
AWM Essay Contest Winners Announced, 577
B. H. Neumann Awards (Roger Curnow, Sheila Williams), 1270
Blackwell-Tapia Prize (Arlie O. Petters), 1269
Blaschke Medal (S. S. Chern), 818
CMI Long-Term Prize Fellowships (Daniel K. Biss, Igor Rodnianski), 939
Fields Medals (Laurent Lafforgue, Vladimir Voevodsky), 1264
Fulbright Awards (Jonathan D. Farley, Abdul J. Jerri, Martin L. Jones, Anatoly S. Libgober, James H. Matis, Roman A. Polyak, Alexander M. Samarov, Kenneth J. Wilder), 688
Gauss Prize Established, 823
German Mathematical Society Media Prize (Gero von Randow), 1270
Guggenheim Fellowships (Daniel S. Freed, Paul H. Halpern, Alexander Kechris, Kefeng Liu, Mikhail Lyubich, Richard Taylor), 688
International Mathematical Olympiad, 1270
Lieb Receives Honor from Austria, 1397
MAA Carl B. Allendoerfer Award (Mark McKinzie, Curtis Tuckey), 1094
MAA Certificates for Meritorious Service (Vivian Dennis-Monzingo, Cynthia J. Woodburn, Fredric Zerla), 575
MAA George Pólya Award (Timothy G. Feeman), 1094
MAA Lester R. Ford Award (Peter Borwein and Loki Jorgenson, Dirk Huylebrouck, Greg Martin, David L. Roberts), 1094
MAA Trevor Evans Award (James Tanton, Frank A. Farris), 1094
MSJ Spring Prize (Yasuyuki Kawahigashi), 939
National Academy of Engineering Elections (Fred W. Glover, A. Stephen Morse, Elaine J. Weyuker), 689
National Academy of Sciences Award (Heinz-Otto Kreiss), 576
National Defense Science and Engineering Graduate Fellowships Awarded (Jomy Alappattu, James Brink, Kevin Chu, Michael Geline, Teena Gerhardt, Geir Helleloid, Erez Lieberman, Philip Matchett, Christopher Mihelich, Jerome O'Neal, Alexander Pekker, Daniel Ramras, Camillia Smith, Saverio Spagnolie, Seth Tribble, Lauren Williams, Paul Wright, Boris Zbarsky), 1398
National Medal of Science (Calyampudi R. Rao, Elias M. Stein), 926
National Science Board Public Service Award (Society for Advancement of Chicanos and Native Americans in Science (SACNAS)), 687
Nevanlinna Prize (Madhu Sudan), 1266
NRC-Ford Foundation Minority Fellowships (Daniel A. Wiley, Paul A. Loya), 233
NSF Director's Award (Robert L. Devaney), 819
NSF Graduate Research Fellowships Announced, 688
NSF Postdoctoral Fellowships Awarded, 1095
Ostrowski Prize (Henryk Iwaniec, Peter Sarnak, and Richard L. Taylor), 800
Packard Fellowships Awarded (Andrei Okounkov, Christopher M. Skinner), 939
Parzen Prize (David R. Brillinger), 687
PECASE Awards (Raffaello D'Andrea, Ronald P. Fedkiw, Paul M. Ricker, Brian D. Conrad), 1095
Pi Mu Epsilon Student Prizes (Eric Appelt, Erin Bergman, Dave Gerberry, Brenda Johnson, Yakov Kronrod, Brian Muscia, Tom Wakefield, Kathy Woodside), 42
Prize for Achievement in Information-Based Complexity (Stefan Heinrich), 939
Prizes of the CRM, Montreal (2002 CAP-CRM Prize in Theoretical and Mathematical Physics—Pavel Winternitz; 2002 CRM/Fields Institute Prize—John B. Friedlander; 2001 André Aisenstadt Mathematics Prize—Jinyi Chen), 1397
Prizes of the International Congress of Chinese Mathematicians (Morningside Medals—Jun Li, Horng-Tzer Yau, Daquing Wan, Chin-Lung Wang, Sijue Wu, Nanhua

Xi; Morningside Lifetime Achievement Award—Shiing-Shen Chern; Chern Prize in Mathematics—Jiu-Kang Yu; Chern Prize for Public Service—Song-Sun Lin), 576
Prizes of the Mathematical Society of Japan (Autumn Prize—Atsushi Moriwaki; Geometry Prize—Reiko Miyaoka; Takebe Senior Prize—Yukari Ito, Yoshihide Kakizawa, Masanori Hino, Hideo Takaoka; Takebe Junior Prize—Osamu Iyama, Akira Ushijima, Ken-ichi Kawarabayashi, Kanetomo Sato), 483
Procter Prize (Benoit Mandelbrot), 818
Putnam Prizes Awarded (Reid W. Barton, Gabriel D. Carroll, Kevin D. Lacker, George Lee Jr., Jan K. Siwanowicz), 819
Radcliffe Institute Fellowship (Sijue Wu), 1397
Rhodes Scholarships (Zachariah R. Miller, Samuel W. Malone, William B. Roper Jr., Lillian B. Pierce), 338
Rollo Davidson Prizes (Stanislav Smirnov, Balaji Prabhakar), 687
Royal Society of Canada Elections (Nancy Reid), 337; (Niky Kamran, Neal Madras, Vidyadhar Godambe), 1399
Royal Society of London Elections (Terence J. Lyons, Eric R. Priest, Susan M. Rees, Miles A. Reid, Peter Sarnak), 940
SIAM Prizes (Richard C. DiPrima Prize—Gang Hu; W. T. and Idalia Reid Prize—H. Thomas Banks; John von Neumann Lectureship—Eric Lander; Julian Cole Lectureship—Jonathan Chapman; George Pólya Prize Lectureship—Craig A. Tracy, Harold Widom; I. E. Block Community Lectureship—Christoph Bregler), 1094
Siemens Westinghouse Science and Technology National Competition, 483
Sofya Kovalevskaya Prize of the Humboldt Foundation (Matilde Marcolli), 337
Sunyer i Balaguer Prize Awarded (Alexander Lubotzky, Dan Segal, André Unterberger), 687
Third World Academy of Sciences Award (Sundararaman Ramanan), 1269
Trjitzinsky Memorial Awards Presented (Marcus A. Arreguin, Challis Kinnucan, Julie Brinton, Suzanne L. Robertson, Kevin L. Smith, Aimee J. Groudas, Peter Kirkpatrick, Kevin R. Pond), 1398
Wolfgang Paul Award of the Humboldt Foundation (Marc Levine), 337

The Profession

2001 Annual Survey of the Mathematical Sciences (First Report), 217
2001 Annual Survey of the Mathematical Sciences (Second Report), 803
2001 Annual Survey of the Mathematical Sciences (Third Report), 928
All Questions Answered, 318
(The) Amateur Professor, 1053
AMS Capital Hill Briefing, 694
Best Current Practices: Recommendations on Electronic Information Communication (2002), 922
Conversations about Mathematics, 333
Doctoral Degrees Conferred (1999–2000), supplement, 258
Doctoral Degrees Conferred (2000–2001), 241
EMS Issues Statement on Money-Making Schemes, 487
From Preprints to E-prints: The Rise of Electronic Preprint Servers in Mathematics, 23
(The) IAS School of Mathematics, 896
Interview with Philippe Tondeur, 918
Mathematical Articles and Bottled Water, 541
Mathematical Sciences in the FY 2003 Budget, 681
Mathematicians and the Mathematics Library: A Librarian's Perspective, 1078
Mathematics Education Positions in Higher Education and Their Applicants: A Many-to-One Correspondence, 202
NRC Forms Committee on Research Studies, 1273
NSF Fiscal Year 2003 Budget Request, 566
Reflections of Departing DMS Rotators, 208
Reflections on the Future of Mathematics, 658
September 11th Did Not Change Cryptography Policy, 450
SIAM Turns Fifty, 309
Statistics on Women Mathematicians Compiled by the AMS, 1413
Theft of Ideas, Theft of Words, 645
Twenty Centuries of Mathematics: Digitizing and Disseminating the Past Mathematical Literature, 771
VIGRE Turns Three, 1237
Whither VIGRE?, 1221
(The) World of Blind Mathematicians, 1246

Publications of Continuing Interest

69, 284, 369, 514

Reference and Book List

47, 236, 344, 491, 582, 697, 827, 948, 1101, 1277, 1405

Reviews

(The) Annotated Flatland: A Romance of Many Dimensions (Reviewed by A. K. Dewdney), 1260
(A) Beautiful Mind (Reviewed by Lynne M. Butler), 455
(The) Bit and the Pendulum (Reviewed by Solomon W. Golomb), 791
(The) Book of Nothing: Vacuums, Voids, and the Latest Ideas about the Origins of the Universe (Reviewed by Jean-Pierre Luminet), 676
Called Too Soon by Flames Afar: Niels Henrik Abel and His Times (Reviewed by Jesper Lützen), 795
(The) Colossal Book of Mathematics (Reviewed by Ed Pegg Jr.), 1084
Conned Again Watson: Cautionary Tales of Logic, Math, and Probability (Reviewed by Jim Tattersall), 1258
Does God Play Dice: The New Mathematics of Chaos and *What Shape Is a Snowflake? Magical Numbers in Nature* (Reviewed by Philip Holmes), 1392
Euclid's Windows and Our Mirrors (A review of *Euclid's Window: The Story of Geometry from Parallel Lines to Hyperspace)* (Reviewed by Robert P. Langlands), 554
Flatterland: Like Flatland, Only More So (Reviewed by Jody Trout), 462
Fragments of Infinity, A Kaleidoscope of Math and Art (Reviewed by Anthony Phillips), 1087
(The) Hilbert Challenge and *The Honors Class* (Reviewed by Brian E. Blank), 911
How the Other Half Thinks: Adventures in Mathematical Reasoning and *Mathematics Galore! Masterclasses,*

Workshops, and Team Projects in Mathematics and Its Applications (Reviewed by Edward J. Barbeau), 905
Like a Bridge over Colored Water: A Mathematical Review of *The Rainbow Bridge: Rainbows in Art, Myth, and Science* (Reviewed by John A. Adam), 1360
(The) Mathematical Explorer: An Interactive Mathematics Book (Reviewed by David Austin), 669
QED (Reviewed by Allyn Jackson), 679
Radical Equations: Math Literacy and Civil Rights (Reviewed by Neal Koblitz), 328
(The) Story of Mathematics (Reviewed by Karen Hunger Parshall), 458
Triangle of Thoughts (Reviewed by Yuri I. Manin), 325
(The) Universal History of Numbers and *The Universal History of Computing*, Part I (Reviewed by Joseph Dauben), 32
(The) Universal History of Numbers and *The Universal History of Computing*, Part II (Reviewed by Joseph Dauben), 211
(The) Universe in a Nutshell (Reviewed by Steven G. Krantz), 570

Stipends for Study and Travel

952

Surveys

2001 Annual Survey of the Mathematical Sciences (First Report), 217
2001 Annual Survey of the Mathematical Sciences (Second Report), 803
2001 Annual Survey of the Mathematical Sciences (Third Report), 928
Corrections, 487–8
Doctoral Degrees Conferred (1999–2000), supplement, 258
Doctoral Degrees Conferred (2000–2001), 241
Doctoral Degrees Conferred (2000–2001), supplement, 815

Table of Contents

3, 179, 307, 427, 539, 643, 755, 883, 1051, 1219, 1355

Visiting Mathematicians

833, 1096

WHAT IS...

Announcement, 886
WHAT IS an Alteration? (Frans Oort), 1382
WHAT IS an Amoeba? (Oleg Viro), 916
WHAT IS a Building? (Kenneth S. Brown), 1244
WHAT IS the Monster? (Richard E. Borcherds), 1076